

DEC 16 1996

Region SOUTHCENTRAL

USGS Quad

Kenai

REGION II

HABITAT AND RESTORATION
DIVISION

Anadromous Water Catalog Number of Waterway 245-40-10010

Name of Waterway Crescent River

☒ USGS Name

☐

Local Name

☒ Addition

☐ Deletion

☐ Correction

☒ Backup Information

For Office Use

Nomination # <u>97 017</u>	Regional Supervisor <u>ECW</u>	Date <u>11/19/97</u>
Revision Year: _____	AWC Project Biologist	Date
Revision to: Atlas <u>N/A</u>		
Both <u>F-1</u>		
Revision Code: _____	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	6/27/95	Probable	Yes	Yes	<input checked="" type="checkbox"/>
Pink	6/27/95	Probable		Yes	<input checked="" type="checkbox"/>
Dolly Varden	6/27/95	Probable		Yes	<input type="checkbox"/>
Sculpin	6/27/95			Yes	<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Site sampled during an ADF&G, Habitat and Restoration Division, fish habitat survey of the Crescent River area. The size of the captured juvenile coho (n = 1, 46 mm FL) and pink salmon (n = 5, ave. 41 mm FL) and Dolly Varden (n = 10, ave. 34 mm FL) and the quality of the available spawning habitat suggest that these three species use the area for spawning. See the attached survey form and aerial photo for details.

CAN'T INFER SPAWNING UNLESS PULLING JUV. FROM GRAVELS.

Name of Observer (please print)

Michael Wiedmer, Habitat Biologist

Date: 12/16/96

Signature:

Address:

Alaska Department of Fish and Game

333 Raspberry Road, Anchorage, AK 99518

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Revision 11/96

STATION NO: 1A2 DATE: 6/27/95 TIME: 3:00 pmOBSERVERS: MW, T.S. TEAM: (A) B STREAM NO: _____

GPS COORDINATES: Lat. _____ Long. _____

WEATHER:

STREAM STAGE:

PRECIP:

CLEAR

HIGH

TODAY

TR

PRI. CLDY.

(MEDIUM)

YESTERDAY

LOW

THIS WEEK

TEMP: AIR 56° FWATER 46° FSTREAM GRADIENT: <1 %

WATER CLARITY: SUBSTRATE COMPOSITION (%):

STREAM DIMENSIONS (ft):

CLEAR MUD

WIDTH 6 ft

STAINED

SAND

DEPTH, LEFT BANK 2 in(TURBID)

GRAVEL

DEPTH, RIGHT BANK 3 in

MUDDY

COBBLE

DEPTH, MID-CHANNEL 5 in

MURKY

BLDR/B-ROCK

100%

VELOCITY:

None

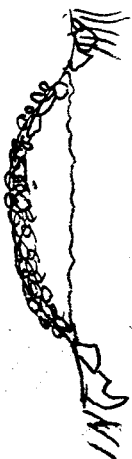
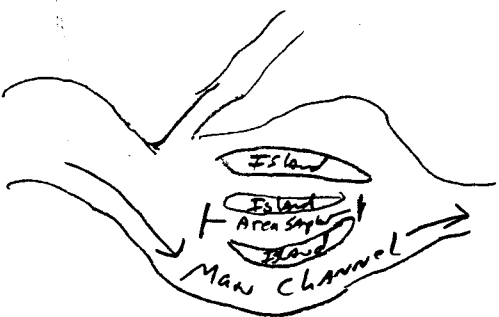
Slow

(Medium)

Fast

3+

CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):



Area Sampled Narrow 6 ft
wide by 100 ft long.
Sparse grass and Low Banks
Along gravel shoreline.

CIRCLE DOMINANT CHANNEL TYPE:

DOMINANT SLOPE RANGE	FLOOD PRONE AREA						
	A	B	C	D	DA	E	F
1-10%	1-10%	2-4%	<2%	<4%	0.25%	<2%	<2%
CROSS-SECTION							
PLAN VIEW							
STREAM TYPE	Aa+	A	B	C	D	DA	E

Channel Type	A	B	C	D	DA	E	F	G
1								
2								
3								
4								
5								
6								
ENTRANCE	<1.4	1.4-2.2	>2.2	N/A	>2.2	>2.2	<1.4	<1.4
SIL	<1.2	>1.2	>1.4	<1.1	1.1-1.6	>1.5	>1.4	>1.2
W/D	<1.2	>1.2	>1.2	>4.0	<4.0	<1.2	>1.2	<1.2
SLOPE	.04-.089	.02-.039	.02	<.02	<.005	<.02	<.02	.02-.039

FISH SAMPLING GEAR: EF TIME: 50 sec AREA: 600 sq ft EFFIC: 75%

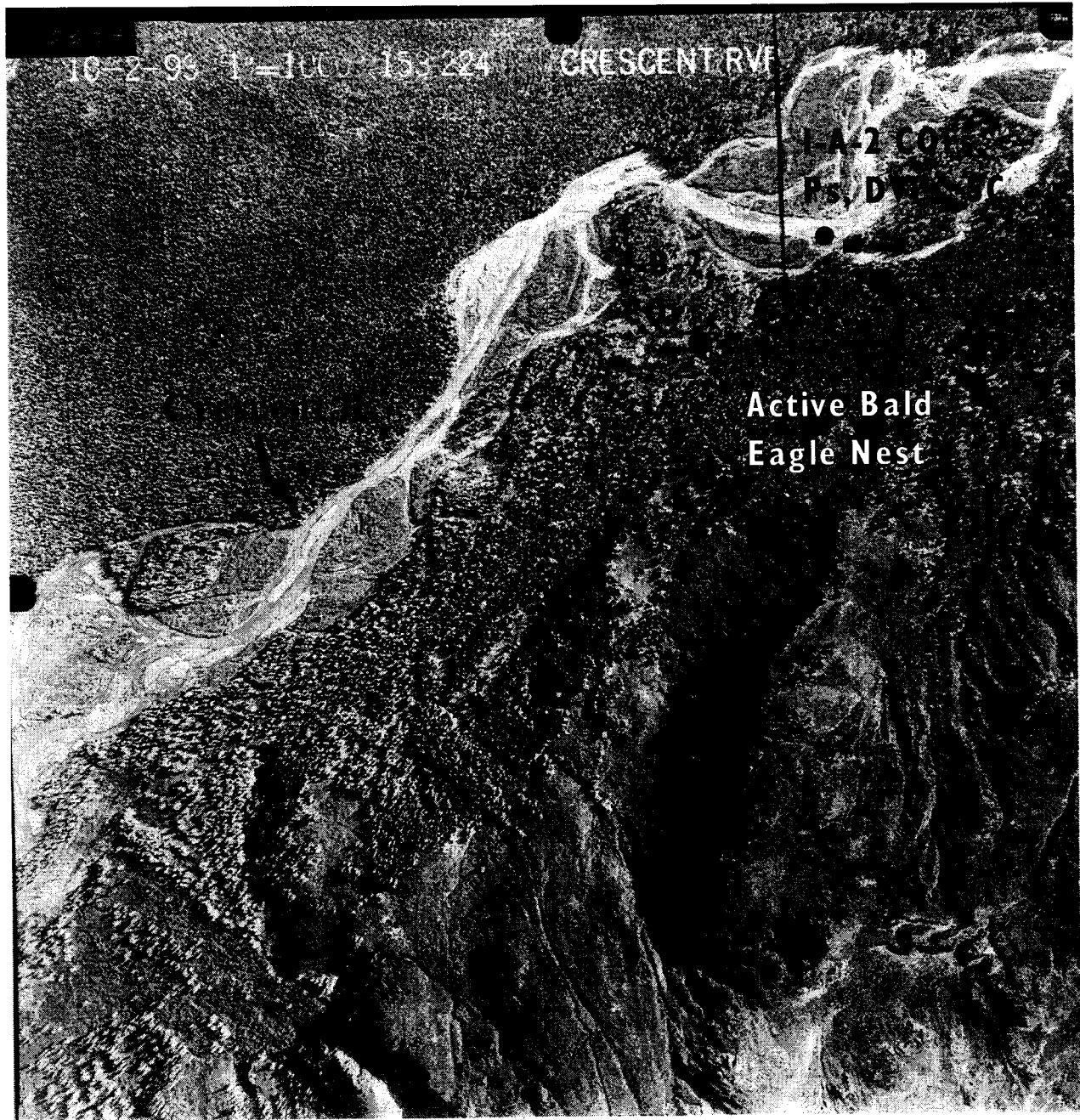
CONDUCTIVITY: _____

WILDLIFE OBSERVATIONS:

CO	46	+2	NAT	MEASURED	FEASIBLE	SPECIAL
K						
S						
P	40	45	42	38	42	
CH						
DV	28	54	33	33	40	30
SC	89					32

Eagles Nest just below sampling sight.

Brown Bear Tracks, Moose Tracks, Swallows



Appendix B4.-Aerial photo 4-3; sample sites 1-A-2 and 1-B-2.

Site 1-A-2 (mainstem and backwaters of Crescent River): rearing coho salmon, Dolly Varden, and sculpin documented. Pink salmon fry documented, spawning suspected. Coho salmon, Dolly Varden spawning suspected. Active eagle nest, recent brown bear and moose tracks.

Site 1-B-2 (tributary): coho salmon rearing.